

CLAIMS

1. An aerosol device containing a hair composition, said composition comprising, in a
5 cosmetically acceptable aqueous medium, at least one copolymer comprising N-vinylpyrrolidone and N-vinylimidazole units and having a molecular weight greater than 100 KDaltons, and dimethyl ether as propelling agent.
- 10 2. Aerosol device according to Claim 1, wherein the copolymer has a molecular weight of between 100 and 5000 KDaltons.
3. Device according to Claim 2, wherein the copolymer has a molecular weight of between 500 and
15 1500 KDaltons.
4. Device according to Claim 1, wherein the copolymer consists of 10 to 90% by weight of N-vinylpyrrolidone units and of 10 to 90% by weight of N-vinylimidazole units.
- 20 5. Device according to Claim 4, wherein the copolymer consists of 40 to 60% by weight of N-vinylpyrrolidone units and of 60 to 40% by weight of N-vinylimidazole units.
6. Device according to Claim 1, wherein the
25 composition comprises from 0.1 to 15% by weight of copolymer based on N-vinylpyrrolidone and

N-vinylimidazole units relative to the total weight of the composition.

7. Device according to Claim 1, wherein the composition further comprises a fixing polymer
5 different from the copolymer based on N-vinylpyrrolidone and N-vinylimidazole units.

8. Device according to Claim 7, wherein the fixing polymer is anionic, cationic, amphoteric or nonionic.

10 9. Device according to Claim 7, wherein the additional fixing polymer is selected from the group consisting of the terpolymer crotonic acid/ethyl acrylate/N-tert-butylacrylamide, the terpolymer crotonic acid/vinyl acetate/vinyl tert-butylbenzoate,
15 the terpolymer methacrylic acid/ethyl acrylate/tert-butyl acrylate, graft silicone polymers containing a polysiloxane backbone grafted with at least one hydrocarbon radical, polyurethanes, and mixtures thereof.

20 10. Device according to Claim 7, wherein the composition comprises from 0.1 to 20% by weight of additional fixing polymer relative to the total weight of the composition.

11. Device according to Claim 1, wherein the
25 composition comprises from 20 to 60% of dimethyl ether of the total weight of the composition.

12. Device according to Claim 1, wherein the cosmetically acceptable aqueous medium comprises water and a cosmetically acceptable solvent.

13. Device according to Claim 12, wherein
5 the solvent is selected from the group consisting of C₁-C₄ alcohols, polyols, polyol ethers, acetone and mixtures thereof.

14. Device according to Claim 13, wherein the solvent is a C₁-C₄ alcohol.

10 15. Device according to Claim 12, wherein the composition comprises from 20 to 95% of water by weight relative to the total weight of the composition.

16. Device according to Claim 13, wherein the composition comprises from 0 to 70% by weight of C₁-
15 C₄ alcohol relative to the total weight of the composition.

17. Device according to Claim 1, wherein the composition further comprises an adjuvant selected from the group consisting of silicones in soluble, dispersed
20 or microdispersed form, nonionic, anionic, cationic and amphoteric surfactants, ceramides and pseudoceramides, vitamins and provitamins including panthenol, vegetable, animal, mineral and synthetic oils, waxes other than ceramides and pseudoceramides, silicone or
25 nonsilicone, water-soluble and fat-soluble sunscreens, coloured or noncoloured, inorganic and organic

pigments, colorants, pearlescent and opacifying agents, sequestering agents, plasticizing agents, solubilizing agents, acidifying agents, alkalinizing agents, inorganic and organic thickening agents, antioxidants, 5 hydroxy acids, penetrating agents, perfumes, preservatives, and mixtures thereof.

18. The device according to Claim 1, wherein said composition is a hair lacquer.

19. A product containing two components, 10 wherein the first component is a composition comprising, in a cosmetically acceptable aqueous medium, at least one copolymer based on N-vinylpyrrolidone and N-vinylimidazole units having a molecular weight greater than 100 KDaltons, and wherein 15 the second component comprises a propelling agent comprising dimethyl ether, the product being packaged in an aerosol device.

20. A method of hair treatment, comprising spraying onto wet or dry hair the composition contained 20 in the aerosol device according to Claim 1 from said device.